

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

2/8/

In re patent of application of:

ARNESON et al.

Serial No. 09/852,848

Filed: May 11, 2001

Title: WIRELESS NETWORK TOUR GUIDE

Group Art Unit: 2151

Examiner: unknown

Client Reference: ARNESON

Attorney Docket: 20-487

INFORMATION DISCLOSURE STATEMENT

RECEIVED

Director of the United States Patent and Trademark Office Washington, D.C. 20231

MAY 2 3 2003

Technology Center 2100

Sir:

Attached is form PTO-1449 listing the enclosed documents.

Should a first action on the merits have been issued on the same day or before this Information Disclosure Statement is filed, please accept this Information Disclosure Statement under Rule 97 (c) and charge the requisite Rule 17(p) fee to our Deposit Account No. 50-0687, under order number 20-487 and proceed to consider this Information Disclosure Statement.

This information Disclosure Statement is intended to be in full compliance with the rules, but should the Examiner find any part of its required content to have been omitted, prompt notice to that effect is earnestly solicited, along with additional time under Rule 97(f), to enable the Applicant to comply fully.

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Consideration of the foregoing and enclosures plus the return of a copy of the herewith Form PTO-1449 with the Examiner's initials in the left column per MPEP 609 along with an early action on the merits of this application are earnestly solicited.

1 Respectfully submitted,

May 71, 2003

Date

William H. Bollman Reg. No. 36,457

Manelli Denison & Selter PLLC 2000 M Street, N.W. Suite 700 Washington, D.C. 20036-3307 202-261-1000

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	HR	6,148,197	-	11/1		Bridges et al.		 	IAY 2	3 2	003	
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nt 2	R VDR	6,199,045		3/6	/01		Giniger	et al							
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